

(19)



JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

(11) Publication number: **2002028915 A**(43) Date of publication of application: **29.01.02**

(51) Int. Cl.

**B28B 11/08**  
**B01D 39/20**  
**F01N 3/02**

(21) Application number: **2001139177**(22) Date of filing: **09.05.01**(30) Priority: **12.05.00 JP 2000140213**(71) Applicant: **DENSO CORP**

(72) Inventor: **YAMAGUCHI SATORU**  
**KAMIMURA HITOSHI**  
**MUTO AKINOBU**

(54) **METHOD FOR MANUFACTURING CERAMIC  
 HONEYCOMB STRUCTURE AND THROUGH  
 HOLE FORMING DEVICE**

COPYRIGHT: (C)2002,JPO  
 (B 9)

(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a method for manufacturing a ceramic honeycomb structure capable of rationalizing the step of blocking a partial cell end part at an end face of the structure and a through hole forming device used in its manufacturing step.

**SOLUTION:** The method for manufacturing the ceramic honeycomb structure comprises the steps of adhering a film 2 to an end face 861 of a honeycomb structure body 86 so as to cover a partial cell end part 82 on an end face 86 of the body 86 to block the end part 82. The method also comprises the step of then removing the film 2 disposed at the end 82 to be blocked by melting or incinerating by a heat to form a through hole 20. The method also comprises the steps of then dipping the end face 861 in a slurry containing an end face blocking material, and invading the slurry to the end 82 via through holes 20. The method further comprises the steps of thereafter curing the slurry and then removing the film 2.

